

**SAMPLING METHOD AND APPARATUS FOR AMPLIFICATION REACTION
ANALYSIS**

ABSTRACT

5 The invention provides sampling methods that permit the quantitative analysis of nucleic
acid amplification reactions. Quantitative information garnered during an amplification regimen
permits the development of a detailed amplification profile that in turn permits the reliable
determination of original template abundance. The methods disclosed are particularly useful for
quantitative expression analysis of multiple genes or transcription units, both in the same
10 amplification reaction and in multiple amplification reactions.